

Lot Closure Calculations for City of Puyallup Boundary Line Adjustment



ORIGINAL PARCEL A

Length: 21.94' Radius: 60.00'
Delta: 20°56'59" Tangent: 11.09'
Chord: 21.82' Course: N18°07'35"W
Course In: S82°20'55"W Course Out: N61°23'55"E

Course: N28°36'05"W Length: 10.25'

Course: S88°29'56"E Length: 87.65'

Course: S1°32'48"W Length: 319.43'

Course: N88°26'14"W Length: 171.20'

Course: N1°32'22"E Length: 122.52'

Length: 0.36' Radius: 60.00'
Delta: 0°20'26" Tangent: 0.18'
Chord: 0.36' Course: S68°09'42"E
Course In: N22°00'30"E Course Out: S21°40'05"W

Course: S68°19'55"E Length: 10.44'

Course: S46°23'50"E Length: 21.15'

Length: 12.50' Radius: 60.00'
Delta: 11°56'28" Tangent: 6.28'
Chord: 12.48' Course: S52°22'04"E
Course In: N43°36'10"E Course Out: S31°39'42"W

Course: S58°20'18"E Length: 19.65'

Length: 46.86' Radius: 60.00'
Delta: 44°44'56" Tangent: 24.70'
Chord: 45.68' Course: S80°42'46"E
Course In: N31°39'42"E Course Out: S13°05'14"E

Course: N76°54'46"E Length: 10.31'

Length: 100.47' Radius: 60.00'
Delta: 95°56'41" Tangent: 66.57'
Chord: 89.14' Course: N28°56'26"E
Course In: N13°05'14"W Course Out: N70°58'06"E

Course: N19°01'54"W Length: 17.43'

Length: 47.67' Radius: 60.00'
Delta: 45°31'13" Tangent: 25.17'
Chord: 46.43' Course: N41°47'31"W
Course In: S70°58'06"W Course Out: N25°26'52"E

Course: N64°33'08"W Length: 8.40'

Course: N0°11'44"E Length: 27.98'

Length: 8.22' Radius: 60.00'
Delta: 7°50'49" Tangent: 4.12'
Chord: 8.21' Course: N3°43'41"W
Course In: N89°48'16"W Course Out: N82°20'55"E

Course: N7°39'05"W Length: 37.74'

Perimeter: 1,102.17' Area: 26,986.670Sq.Ft.
Error Closure: 0.0070 Course: N31°54'36"E
Error North : 0.00594 East: 0.00370

Precision 1: 157,452.86

ORIGINAL PARCEL B

Course: S1°34'00"W Length: 120.00'

Course: N88°26'14"W Length: 116.77'

Course: N1°32'48"E Length: 120.02'

Course: S88°25'43"E Length: 116.81'

Perimeter: 473.60' Area: 14,016.038Sq.Ft.
Error Closure: 0.0031 Course: N36°16'14"W
Error North : 0.00249 East: -0.00183

Precision 1: 152,774.19

REVISED PARCEL A

Length: 21.94' Radius: 60.00'
Delta: 20°56'59" Tangent: 11.09'
Chord: 21.82' Course: N18°07'35"W
Course In: S82°20'55"W Course Out: N61°23'55"E

Course: N28°36'05"W Length: 10.25'

Course: S88°29'56"E Length: 87.65'

Course: S1°32'48"W Length: 221.43'

Course: N88°27'12"W Length: 31.00'

Course: S1°32'48"W Length: 98.00'

Course: N88°26'14"W Length: 140.20'

Course: N1°32'22"E Length: 122.52'

Length: 0.36' Radius: 60.00'
Delta: 0°20'26" Tangent: 0.18'
Chord: 0.36' Course: S68°09'42"E
Course In: N22°00'30"E Course Out: S21°40'05"W

Course: S68°19'55"E Length: 10.44'

Course: S46°23'50"E Length: 21.15'

Length: 12.50' Radius: 60.00'
Delta: 11°56'28" Tangent: 6.28'
Chord: 12.48' Course: S52°22'04"E
Course In: N43°36'10"E Course Out: S31°39'42"W

Course: S58°20'18"E Length: 19.65'

Length: 46.86' Radius: 60.00'
Delta: 44°44'56" Tangent: 24.70'
Chord: 45.68' Course: S80°42'46"E
Course In: N31°39'42"E Course Out: S13°05'14"E

Course: N76°54'46"E Length: 10.31'

Length: 100.47' Radius: 60.00'
Delta: 95°56'41" Tangent: 66.57'

Chord: 89.14' Course: N28°56'26"E
Course In: N13°05'14"W Course Out: N70°58'06"E

Course: N19°01'54"W Length: 17.43'

Length: 47.67' Radius: 60.00'
Delta: 45°31'13" Tangent: 25.17'
Chord: 46.43' Course: N41°47'31"W
Course In: S70°58'06"W Course Out: N25°26'52"E

Course: N64°33'08"W Length: 8.40'

Course: N0°11'44"E Length: 27.98'

Length: 8.22' Radius: 60.00'
Delta: 7°50'49" Tangent: 4.12'
Chord: 8.21' Course: N3°43'41"W
Course In: N89°48'16"W Course Out: N82°20'55"E

Course: N7°39'05"W Length: 37.74'

Perimeter: 1,102.16' Area: 23,948.560Sq.Ft.
Error Closure: 0.0044 Course: S51°15'30"E
Error North : -0.00278 East: 0.00346

Precision 1: 250,493.18

REVISED PARCEL B

Course: S1°34'00"W Length: 120.00'

Course: N88°26'14"W Length: 147.77'

Course: N1°32'48"E Length: 98.00'

Course: S88°27'12"E Length: 31.00'

Course: N1°32'48"E Length: 22.01'

Course: S88°25'43"E Length: 116.81'

Perimeter: 535.59' Area: 17,054.148Sq.Ft.
Error Closure: 0.0022 Course: N57°00'39"W
Error North : 0.00121 East: -0.00186

Precision 1: 243,450.00